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**Search Results - Record(s) 1 through 2 of 2 returned.**

1. Document ID: US 6181809 B1

**Using default format because multiple data bases are involved.**

L1: Entry 1 of 2

File: USPT

Jan 30, 2001

US-PAT-NO: 6181809

DOCUMENT-IDENTIFIER: US 6181809 B1

TITLE: Apparatus for processing and digitizing photographic film in one pass

DATE-ISSUED: January 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Primo; Henri August	Lochristi			BE
Muller; Jurgan	Munchen			DE

US-CL-CURRENT: 382/128; 382/323, 396/570

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWC	Draw De
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2. Document ID: EP 452570 A, US 6181809 B1, EP 452570 B1, DE 69015618 E, JP 07049541 A

L1: Entry 2 of 2

File: DWPI

Oct 23, 1991

DERWENT-ACC-NO: 1991-311921

DERWENT-WEEK: 200108

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TITLE: Processing and digitising appts. for medical radiographic film - integrates processing function of X-ray film with that of digitising processed film for subsequent diagnostic evaluation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWC	Draw De
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us-6181809-\$.did.

2

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L1: Entry 2 of 2

File: DWPI

Oct 23, 1991

DERWENT-ACC-NO: 1991-311921

DERWENT-WEEK: 200108

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TITLE: Processing and digitising appts. for medical radiographic film - integrates processing function of X-ray film with that of digitising processed film for subsequent diagnostic evaluation

INVENTOR: MUELLER, J; PRIMO, H A ; MULLER, J

PATENT-ASSIGNEE:

ASSIGNEE

CODE

AGFA-GEVAERT NV

GEVA

AGFA-GEVAERT AG

GEVA

PRIORITY-DATA: 1990EP-0200969 (April 19, 1990)

Search SelectedSearch ALLClear

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <a href="#">EP 452570 A</a>	October 23, 1991		000	
<input type="checkbox"/> <a href="#">US 6181809 B1</a>	January 30, 2001		000	G06K009/00
<input type="checkbox"/> <a href="#">EP 452570 B1</a>	December 28, 1994	E	013	H04N001/00
<input type="checkbox"/> <a href="#">DE 69015618 E</a>	February 9, 1995		000	H04N001/00
<input type="checkbox"/> <a href="#">JP 07049541 A</a>	February 21, 1995		007	G03B042/02

DESIGNATED-STATES: AT BE CH DE ES FR GB GR IT LI LU NL SE BE DE FR GB

CITED-DOCUMENTS:3.Jnl.Ref; EP 125877 ; EP 251237 ; EP 277493 ; US 4306290 ; US 4768099 ; 03Jnl.Ref

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 452570A	April 19, 1990	1990EP-0200969	
US 6181809B1	April 9, 1991	1991US-0682388	CIP of
US 6181809B1	December 11, 1992	1992US-0989364	Cont of
US 6181809B1	January 23, 1995	1995US-0376441	Cont of
US 6181809B1	December 28, 1995	1995US-0580389	
EP 452570B1	April 19, 1990	1990EP-0200969	

DE 69015618E	April 19, 1990	1990DE-0615618	
DE 69015618E	April 19, 1990	1990EP-0200969	
DE 69015618E		EP 452570	Based on
JP 07049541A	April 19, 1991	1991JP-0182073	

INT-CL (IPC): G03B 42/02; G03D 3/13; G03D 13/00; G03D 15/00; G06K 9/00; G06T 1/00; H04N 1/00; H04N 1/21; H04N 7/18

ABSTRACTED-PUB-NO: EP 452570A

BASIC-ABSTRACT:

This appts. is designed to convey exposed photographic film in one continuous pass through the processes of developing, fixing, washing and drying, followed by scanning, sensing and digitising of the resultant prod.. Signal processing appts. then evaluates the digital result. Patient identification data may be added to the radiographic film and be scanned at the same time, thus providing automatic association during subsequent retrieval and diagnosis.

The integrated appts. may allow for intermediate entry of previously processed film into digital scanning, and for exit of processed film, not requiring digitisation.

USE/ADVANTAGE - In economic, integrated appts. for processing and digitising photographic film, with subject indentification being included early in process, during photographic stages.

ABSTRACTED-PUB-NO:

EP 452570B

EQUIVALENT-ABSTRACTS:

An apparatus for automatically processing, scanning and digitising an exposed X-ray film comprising (i) an automatic processing part in which said exposed X-ray film is developed, fixed and dried to form an analogue image on said film and (ii) a scanning/digitising part in which said analogue image is scanned and digitised, characterised in that said scanning/digitising part is connected to said processing part in such a way that said processed film is fed directly from said processing part into said scanning/digitising part.

US 6181809B

This appts. is designed to convey exposed photographic film in one continuous pass through the processes of developing, fixing, washing and drying, followed by scanning, sensing and digitising of the resultant prod.. Signal processing appts. then evaluates the digital result. Patient identification data may be added to the radiographic film and be scanned at the same time, thus providing automatic association during subsequent retrieval and diagnosis.

The integrated appts. may allow for intermediate entry of previously processed film into digital scanning, and for exit of processed film, not requiring digitisation.

USE/ADVANTAGE - In economic, integrated appts. for processing and digitising photographic film, with subject indentification being included early in process, during photographic stages.

CHOSEN-DRAWING: Dwg.1/6 Dwg.1/6 Dwg.1/6

< p>TITLE-TERMS: PROCESS DIGITAL APPARATUS MEDICAL RADIOGRAPHIC FILM INTEGRATE

PROCESS FUNCTION X=RAY FILM DIGITAL PROCESS FILM SUBSEQUENT DIAGNOSE EVALUATE

DERWENT-CLASS: P82 P84 S05 S06 T04 W02

EPI-CODES: S05-D02A5; S06-B04A; S06-B09; T04-D; W02-J03A;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1991-239072

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	485082	(light same point) or laser	US-PGPUB; USPAT	OR	ON	2005/02/17 06:54
L2	1	photoelectrically adj convertible adj sensor	US-PGPUB; USPAT	OR	ON	2005/02/17 06:55
L3	1	1 and 2	US-PGPUB; USPAT	OR	ON	2005/02/17 06:57
L4	184715	sensor same measur\$	US-PGPUB; USPAT	OR	ON	2005/02/17 06:59
L5	1	2 and 4	US-PGPUB; USPAT	OR	ON	2005/02/17 07:41
L6	686	(image adj (receiving or receiver or received)) same (film or transparent) same (scan or laser or (light adj10 point))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 09:05
L7	619	(image adj (receiving or receiver or received)) same (film or transparent) same ((processing or processed) adj2 (solution or material))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:01
L8	344	transparent adj image adj (receiving or receiver or received)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:13
L9	3	"6599036"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:15
L10	2	1 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:15
S1	304	430/604.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/05 11:19
S2	507	430/605.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/05 11:19
S3	91	430/612.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/05 11:19
S4	676	S1 or S2 or S3	US-PGPUB; USPAT	OR	ON	2005/02/05 11:20

S5	133300	ir	US-PGPUB; USPAT	OR	ON	2005/02/05 11:24
S6	33173	iridium	US-PGPUB; USPAT	OR	ON	2005/02/05 11:24
S7	171839	gold	US-PGPUB; USPAT	OR	ON	2005/02/05 11:24
S8	3949025	au	US-PGPUB; USPAT	OR	ON	2005/02/05 11:25
S9	4216606	S5 or S6 or S7 or S8	US-PGPUB; USPAT	OR	ON	2005/02/05 11:25
S10	645	S4 and S9	US-PGPUB; USPAT	OR	ON	2005/02/05 11:26
S11	2	("20020092436").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 13:43
S12	2	("6181809").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 14:40
S13	2	("20020051255").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 14:48
S14	2	("6461061").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 15:45
S15	2	("6793417").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 15:00
S16	2	("20020115027").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 15:51

S17	2	("20030002879").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 16:07
S18	0	("200100552932").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 16:07
S19	2	("20010052932").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 16:23
S20	2	("20010052932").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 16:36
S21	2	("20010031144").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 16:38
S22	2	("20020115027").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 17:35
S23	2	("6540416").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/16 18:15
S24	11	specific adj color adj2 frequency adj band	US-PGPUB; USPAT	OR	ON	2005/02/16 18:20
S25	484297	(light same point) or laser	US-PGPUB; USPAT	OR	ON	2005/02/17 06:53
S26	7	S24 and S25	US-PGPUB; USPAT	OR	ON	2005/02/16 18:23
S27	4	optical adj data adj collected adj during adj infrared adj scanning	US-PGPUB; USPAT	OR	ON	2005/02/16 18:26



S28	0	S25 and S27	US-PGPUB; USPAT	OR	ON	2005/02/16 18:26
S29	0	similarly adj deceased adj2 decreasing adj sensor adj integration adj time	US-PGPUB; USPAT	OR	ON	2005/02/16 18:29
S30	0	decreasing adj sensor adj integration adj time	US-PGPUB; USPAT	OR	ON	2005/02/16 18:30
S31	97	sensor adj integration adj time	US-PGPUB; USPAT	OR	ON	2005/02/16 18:31
S32	5	decreasing adj sensor adj integration adj time	US-PGPUB; USPAT	OR	ON	2005/02/16 18:31
S33	5	S25 and S32	US-PGPUB; USPAT	OR	ON	2005/02/16 18:32

Day : Thursday  
Date: 2/17/2005

Time: 12:44:35

# PALM INTRANET

## Inventor Name Search Result

Your Search was:

Last Name = MOOTY

First Name = G

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09746735</u>	Not Issued	071	12/21/2000	METHOD AND SYSTEM FOR POINT SOURCE ILLUMINATION AND DETECTION IN DIGITAL FILM PROCESSING	MOOTY, G. GREGORY
<u>09746859</u>	<u>6788335</u>	150	12/21/2000	PULSED ILLUMINATION SIGNAL MODULATION CONTROL & ADJUSTMENT METHOD AND SYSTEM	MOOTY, G. GREGORY
<u>09748788</u>	Not Issued	071	12/22/2000	DIGITAL FILM PROCESSING METHOD AND SYSTEM	MOOTY, G. GREGORY
<u>09778022</u>	<u>6599036</u>	150	02/05/2001	FILM PROCESSING SOLUTION CARTRIDGE AND METHOD FOR DEVELOPING AND DIGITIZING FILM	MOOTY, G. GREGORY
<u>10378062</u>	Not Issued	092	03/03/2003	FILM PROCESSING SOLUTION CARTRIDGE AND METHOD FOR DEVELOPING AND DIGITIZING FILM	MOOTY, G. GREGORY
<u>09607411</u>	<u>6443639</u>	150	06/29/2000	SLOT COATER DEVICE FOR APPLYING DEVELOPER TO FILM FOR ELECTRONIC FILM DEVELOPMENT	MOOTY, GEORGE G.
<u>09740727</u>	Not Issued	061	12/18/2000	METHOD AND APPARATUS FOR DIGITAL FILM PROCESSING USING A SINGLE SCANNING STATION	MOOTY, GEORGE G.
<u>09750824</u>	Not Issued	092	12/28/2000	METHODS AND APPARATUS FOR TRANSPORTING AND POSITIONING FILM IN A DIGITAL FILM PROCESSING SYSTEM	MOOTY, GEORGE G.
<u>09751119</u>	<u>6864973</u>	150	12/28/2000	METHOD AND APPARATUS	MOOTY, GEORGE

				TO PRE-SCAN AND PRE-TREAT FILM FOR IMPROVED DIGITAL FILM PROCESSING HANDLING	G.
<u>11002004</u>	Not Issued	018	12/02/2004	METHOD AND APPARATUS TO PRE-SCAN AND PRE-TREAT FILM FOR IMPROVED DIGITAL FILM PROCESSING HANDLING	MOOTY, GEORGE G.
<u>60141311</u>	Not Issued	159	06/29/1999	SLOT COATER DEVICE FOR APPLYING DEVELOPER TO FILM IN ELECTRONIC FILM DEVELOPMENT	MOOTY, GEORGE G.
<u>08034524</u>	<u>5457890</u>	150	03/22/1993	SCALABLE MEASURING APPARATUS AND DISPLACEMENT DISPLAY DEVICE, SYSTEM AND METHOD	MOOTY, GLENN J.
<u>08542175</u>	<u>5551159</u>	150	10/11/1995	SCALABLE MEASURING APPARATUS AND DISPLACEMENT DISPLAY DEVICE, SYSTEM AND METHOD	MOOTY, GLENN J.
<u>09232748</u>	<u>6161295</u>	150	01/15/1999	BRAKE MECHANISM FOR COMPUTERIZED GRADE ROD	MOOTY, GLENN J.
<u>60173781</u>	Not Issued	159	12/30/1999	PULSED ILLUMINATION SIGNAL MODULATION CONTROL AND ADJUSTMENT METHOD AND SYSTEM	MOOTY, GREG
<u>60173787</u>	Not Issued	159	12/30/1999	DIGITAL FILM PROCESSING METHOD AND SYSTEM	MOOTY, GREG
<u>60233829</u>	Not Issued	159	09/18/2000	METHOD, APPARATUS AND SYSTEM FOR DRYING FILM	MOOTY, GREG
<u>60173661</u>	Not Issued	159	12/30/1999	DETECTOR HOUSING FOR DIGITAL FILM PROCESSING	MOOTY, GREG G.
<u>60174049</u>	Not Issued	159	12/30/1999	METHOD AND SYSTEM FOR POINT SOURCE ILLUMINATION FOR DIGITAL FILM PROCESSING	MOOTY, GREG G.
<u>60180000</u>	Not Issued	159	02/03/2000	SCANNING APPARATUS AND DIGITAL FILM PROCESSING METHOD	MOOTY, GREGORY C.
<u>07681821</u>	<u>5280889</u>	150	04/08/1991	SHOCK ISOLATOR	MOOTY, GREGORY G.

<a href="#">60173653</a>	Not Issued	159	12/30/1999	METHOD AND APPARATUS FOR COMPENSATING FOR FILM BUCKLING IN A DIGITAL FILM DEVELOPMENT SYSTEM	MOOTY, GREGORY G.
<a href="#">60174040</a>	Not Issued	159	12/30/1999	METHOD AND SYSTEM FOR TENSIONING FILM DURING SCANNING	MOOTY, GREGORY G.
<a href="#">60174041</a>	Not Issued	159	12/30/1999	TRANSPORT SYSTEM FOR PHOTOGRAPHIC FILM	MOOTY, GREGORY G.
<a href="#">60174189</a>	Not Issued	159	12/30/1999	FILM TRANSPORT AND SCANNING MODULES FOR A DIGITAL FILM DEVELOPMENT SYSTEM	MOOTY, GREGORY G.

Inventor Search Completed: No Records to Display.

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Last Name	First Name
<input type="text" value="mooty"/>	<input type="text" value="g"/>

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**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = PORTH

First Name = ROLAND

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">60233829</a>	Not Issued	159	09/18/2000	METHOD, APPARATUS AND SYSTEM FOR DRYING FILM	PORTH, ROLAND
<a href="#">09607411</a>	<a href="#">6443639</a>	150	06/29/2000	SLOT COATER DEVICE FOR APPLYING DEVELOPER TO FILM FOR ELECTRONIC FILM DEVELOPMENT	PORTH, ROLAND W.
<a href="#">09746735</a>	Not Issued	071	12/21/2000	METHOD AND SYSTEM FOR POINT SOURCE ILLUMINATION AND DETECTION IN DIGITAL FILM PROCESSING	PORTH, ROLAND W.
<a href="#">60233690</a>	Not Issued	159	09/19/2000	METHOD AND APPARATUS TO PROVIDE SECURITY FOR FILM PROCESSED USING A DIGITAL FILM PROCESSING	PORTH, ROLAND W.
<a href="#">06514372</a>	<a href="#">4519703</a>	150	07/15/1983	DOCUMENT REPRODUCTION DEVICE UTILIZING A SELECTIVE COLOR ILLUMINATOR	PORTH, ROLAND W.

**Inventor Search Completed: No Records to Display.**

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**PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = DUONG

First Name = DUNG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09730332</a>	<a href="#">6628884</a>	150	12/05/2000	DIGITAL FILM PROCESSING SYSTEM USING A LIGHT TRANSFER DEVICE	DUONG, DUNG T.
<a href="#">09746735</a>	Not Issued	071	12/21/2000	METHOD AND SYSTEM FOR POINT SOURCE ILLUMINATION AND DETECTION IN DIGITAL FILM PROCESSING	DUONG, DUNG T.
<a href="#">09755301</a>	Not Issued	041	01/02/2001	POLARIZED ILLUMINATION AND IMAGING DEVICE FOR DIGITAL FILM PROCESSING	DUONG, DUNG T.
<a href="#">10660214</a>	Not Issued	093	09/11/2003	WAVEGUIDE DEVICE AND OPTICAL TRANSFER SYSTEM FOR DIRECTING LIGHT TO AND IMAGE PLANE.	DUONG, DUNG T.
<a href="#">10894604</a>	Not Issued	020	07/20/2004	FILM BRIDGE ASSEMBLY FOR A DIGITAL FILM SCANNING SYSTEM	DUONG, DUNG T.
<a href="#">60173783</a>	Not Issued	159	12/30/1999	LIGHT TRANSFER DEVICE AND SYSTEM	DUONG, DUNG T.
<a href="#">60174029</a>	Not Issued	159	12/30/1999	POLARIZED ILLUMINATION AND IMAGING DEVICE FOR DIGITAL FILM PROCESSING	DUONG, DUNG T.
<a href="#">06343177</a>	<a href="#">4427749</a>	150	01/27/1982	PRODUCT INTENDED TO BE USED AS A PHOTOCATALYST, METHOD FOR THE PREPARATION OF SUCH PRODUCT AND UTILIZATION OF SUCH PRODUCT	DUONGHONG, DUNG
<a href="#">06824694</a>	<a href="#">4684537</a>	250	12/27/1985	PROCESS FOR THE SENSITIZATION OF AN OXIDATION/REDUCTION PHOTOCATALYST, AND	DUONGHONG, DUNG

				PHOTOCATALYST THUS OBTAINED	
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Inventor Search Completed: No Records to Display.

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	<input type="text" value="duong"/>	<input type="text" value="dung"/>	

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